The Instructor

- **Office Hours:** 1:30-3:00 Wednesday, 1169 Heller Hall.
The Instructor

- **Office Hours:** 1:30-3:00 Wednesday, 1169 Heller Hall.
- **Phone:** 612-625-7504.
The Instructor

- **Office Hours:** 1:30-3:00 Wednesday, 1169 Heller Hall.
- **Phone:** 612-625-7504.
- **Email:** mclennan@econ.umn.edu.
The Instructor

- **Office Hours:** 1:30-3:00 Wednesday, 1169 Heller Hall.
- **Phone:** 612-625-7504.
- **Email:** mclennan@econ.umn.edu.
- **Web:**
  http://www.econ.umn.edu/~mclennan
The Instructor

- **Office Hours:** 1:30-3:00 Wednesday, 1169 Heller Hall.
- **Phone:** 612-625-7504.
- **Email:** mclennan@econ.umn.edu.
- **Web:**
  http://www.econ.umn.edu/~mclennan
- **Specializations:**
  Game theory and mathematical economics.
Course Objectives

- To develop an appreciation of mathematical modelling in economics.
Course Objectives

- To develop an appreciation of mathematical modelling in economics.
- To learn the theory of functions of several real variables, with special emphasis on issues related to maximization.
Course Objectives

- To develop an appreciation of mathematical modelling in economics.
- To learn the theory of functions of several real variables, with special emphasis on issues related to maximization.
- To solidify skills and understanding related to the mathematical prerequisites of the course.
Readings

Readings

- *Mathematics for Economists* by Carl Simon and Lawrence Blume.
Readings

- *Mathematics for Economists* by Carl Simon and Lawrence Blume.
- My lecture notes from earlier versions of the course.
Assignments

- Weekly problem sets (except when there is a midterm) — 25%.
  - Plus \text{\LaTeX} bonus points!
Assignments

- Weekly problem sets (except when there is a midterm) — 25%.
  - Plus \LaTeX bonus points!
- Two midterms — 15% × 2 = 30%.
Assignments

- Weekly problem sets (except when there is a midterm) — 25%.
  - Plus \LaTeX\ bonus points!
- Two midterms — 15% × 2 = 30%.
- Final exam — 40%.
Assignments

• Weekly problem sets (except when there is a midterm) — 25%.
  • Plus \LaTeX\ bonus points!

• Two midterms — 15% $\times$ 2 = 30%.

• Final exam — 40%.

• Class participation — 5%.
Guess What

This isn’t PowerPoint ...
Guess What

This isn’t PowerPoint ... real nerds use \LaTeX. :-)
Guess What

This isn’t PowerPoint ... real nerds use \LaTeX. :-)  

To prepare \LaTeX “bonus point” problem set answers, you will need one of:

- MiKTeX and WinEdt on Windows.
- OzTeX on Macintosh.
- Linux or some other version of Unix.
Guess What

This isn’t PowerPoint ... real nerds use \LaTeX. :-)

To prepare \LaTeX “bonus point” problem set answers, you will need one of:

- MiKTeX and WinEdt on Windows.
- OzTeX on Macintosh.
- Linux or some other version of Unix.

There are tutorials and reference materials on the Web for help with \LaTeX, one of which is recommended in the syllabus.
Guess What

This isn’t PowerPoint ... real nerds use \LaTeX. :-) 

To prepare \LaTeX “bonus point” problem set answers, you will need one of:

- MiKTeX and WinEdt on Windows.
- OzTeX on Macintosh.
- Linux or some other version of Unix.

There are tutorials and reference materials on the Web for help with \LaTeX, one of which is recommended in the syllabus.

If you are aiming at a technical career, the sooner you start learning \LaTeX the better.